



DC/DC Converters

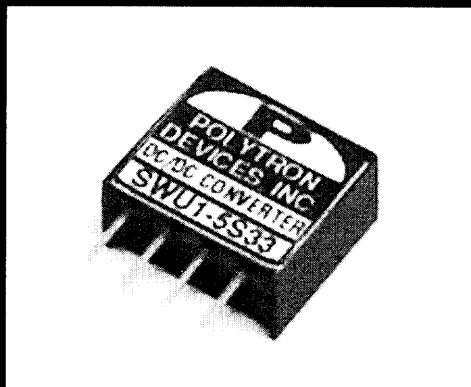
Miniature (.45" x .34" x .28")

SINGLE-INLINE PACKAGE

1 Watt

FEATURES:

- Miniature Single-Inline Package (SIP)
- High Efficiency (70-75%)
- High Isolation Voltage (1000Vdc)
- Low Cost
- UL 94V-0 Package Material



SPECIFICATIONS:

INPUT:

Input Voltage Range

3.3 Vdc.....	2.97 - 3.63
5 Vdc.....	4.5 - 5.5
12 Vdc.....	10.8 - 13.20
24 Vdc.....	21.60 - 26.4
48 Vdc.....	43.20 - 52.80

OUTPUT

Voltage Accuracy.....	±5%
Ripple and Noise, 20 MHz BW.....	150mV p-p Max
Line Regulation (10% to 100% FL)..	±1.2%/1% of Vin
Load Regulation (10% to 100% FL)	
3.3V and 5V Output	15% Max
9V, 12V and 15V Output	10% Max

GENERAL

Switching Frequency.....	100KHz Typ
Isolation Voltage.....	1000Vdc
Isolation Resistance.....	1000Mohms min @500 Vdc

ENVIRONMENTAL

Operating Temperature Range.....	0° C to +71° C
Storage Temperature Range.....	-55° C to +130° C
Cooling.....	Free Air Convection

PHYSICAL

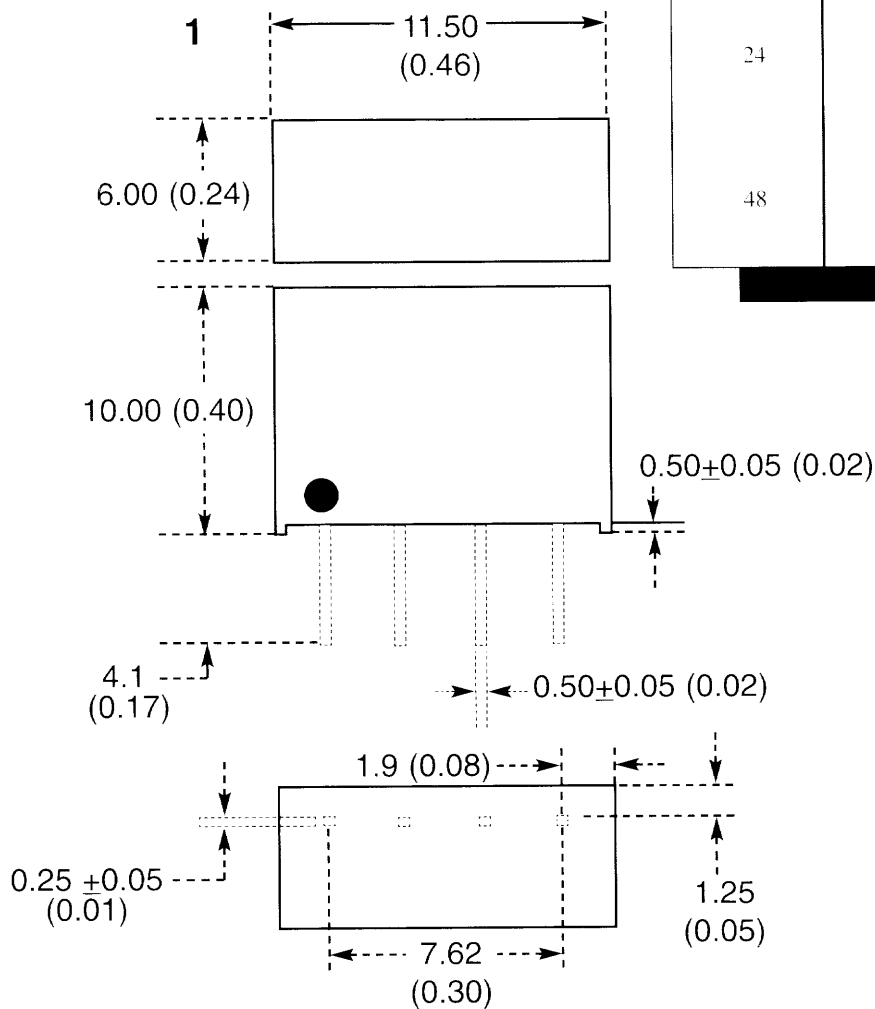
Dimensions.....	0.46x0.40x0.24 inches (11.50x10.00x6.00 mm)
Case Material.....	DAP (Non-conductive Plastic)

Unregulated

**0.5-1Watt
DC/DC
Converters**



INPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (mA)	EFF %	MODEL NUMBER
3.3	3.3	154	70	SWU0.5-33S33
	5	200	70	SWU1-33S5
	9	110	75	SWU1-33S9
	12	84	75	SWU1-33S12
	15	67	75	SWU1-33S15
5	3.3	154	70	SWU0.5-5S33
	5	200	70	SWU1-5S5
	9	110	75	SWU1-5S9
	12	84	75	SWU1-5S12
	15	67	75	SWU1-5S15
12	3.3	154	70	SWU0.5-12S33
	5	200	70	SWU1-12S5
	9	110	75	SWU1-12S9
	12	84	75	SWU1-12S12
	15	67	75	SWU1-12S15
24	3.3	154	70	SWU0.5-24S33
	5	200	70	SWU1-24S5
	9	110	75	SWU1-24S9
	12	84	75	SWU1-24S12
	15	67	75	SWU1-24S15
48	3.3	154	70	SWU0.5-48S33
	5	200	70	SWU1-48S5
	9	110	75	SWU1-48S9
	12	84	75	SWU1-48S12
	15	67	75	SWU1-48S15



PIN CONNECTIONS

PIN#	SINGLE
1	-INPUT
2	+INPUT
3	-OUTPUT
4	+OUTPUT

UNIT: mm (inch)

PRICING (100 Qty)

\$11.95